

**METHOD AND APPARATUS  
FOR ELECTROMAGNETIC DRYING OF PRINTED MEDIA**

**ABSTRACT**

A method, apparatus and article of manufacture for providing electromagnetic drying  
5 of printed media. A resonant cavity allows support of standing waves along many radial axes  
throughout the resonant cavity. The electromagnetic drying unit allows forced air to be  
introduced into the resonant cavity, thereby reducing moisture within the resonant cavity and  
extending the life of the resonant cavity. Input and output openings may be arranged  
longitudinally along the resonant cavity and may be designed to substantially reduce the  
10 amount of electromagnetic radiation emanating from them during operation. A honeycomb  
feature at the end of the resonant cavity may allow egress of the forced air, while  
substantially reducing the amount of electromagnetic radiation emanating from the end of the  
resonant cavity.